

Notes:

ST012-CZ01 Monitoring Well Identification

97 Benzene Concentration (µg/L)

< 0 Not detected or below the RL

Nov-17 Sample Date

< 15 µg baseline event if not noted

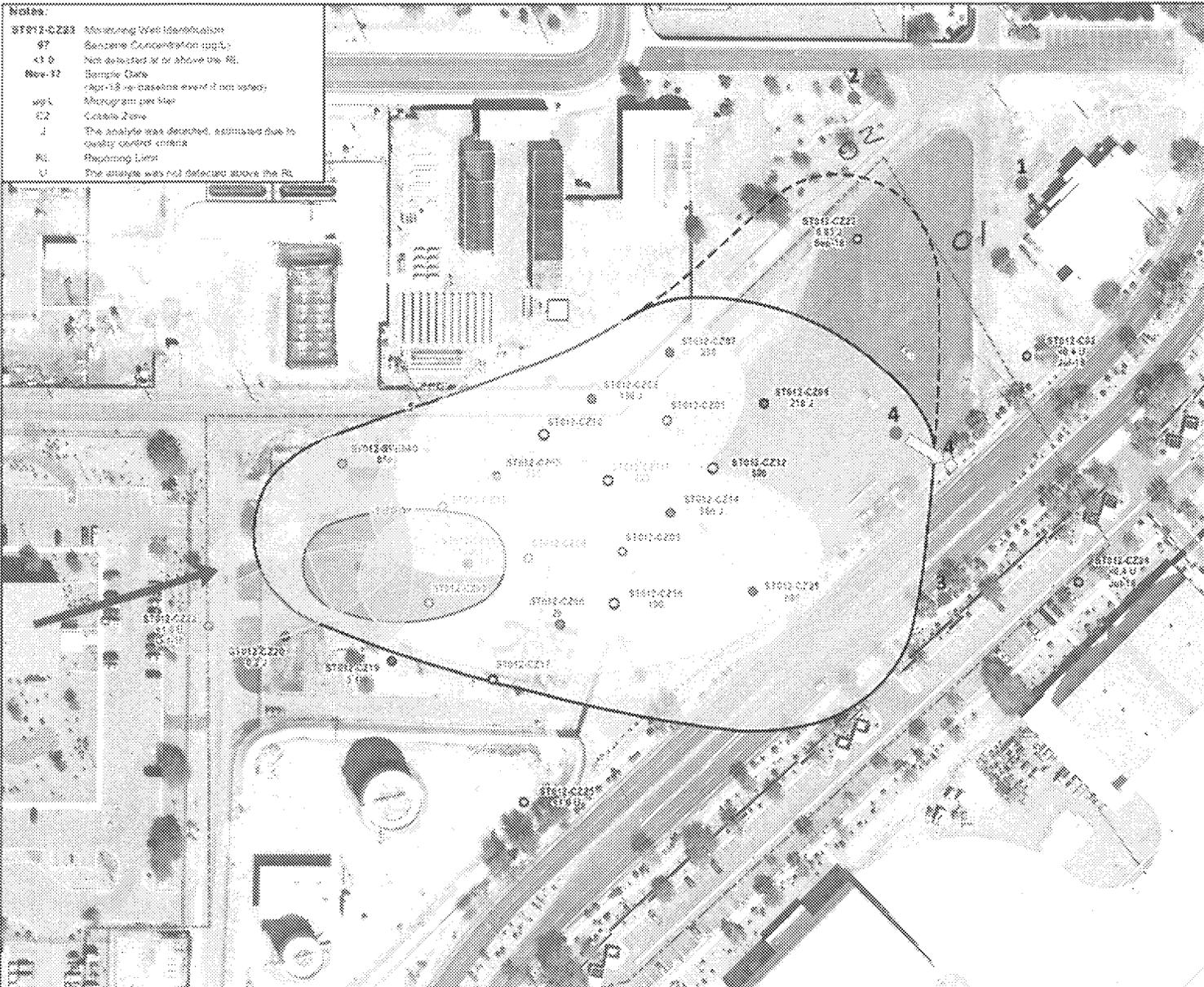
µg/L Microgram per liter

CZ Contain Zone

1 The analyte was detected, estimated due to quality control criteria

RL Reporting Limit

1 The analyte was not detected above the RL



Legend

Benzene Concentrations (µg/L) in Groundwater
(Dashed Where Inferred)

- 0-999 µg/L
- 1000-4999 µg/L

- Extraction Well Location
- Injection Well Location
- Groundwater Monitoring Well Location
- Perimeter Groundwater Monitoring Well Location
- Other Existing Well Location (Not in Defined Sampling Plan)

- - - Former (Apr-18) 5 µg/L benzene extent
- ➔ Approximate Groundwater Flow Direction
- ▭ ST012 Site Boundary
- Primary Target Area of Sulfate Distribution By Injection-Extraction
- Secondary Target Area of Sulfate Distribution by Extraction
- Original Proposed by EPA Well Location
- Revised Proposed Well Location

0 25 50 100 Feet

N

Pilot Study Implementation
Site ST012 - Former Williams Air Force Base
Mesa, Arizona

**ST012 CZ Benzene Concentration,
Well Locations, and Injection Areas**

FIGURE	Job No.	910-1116001	
3-2	PM	041	
	Date	10/22/18	
	Scale	1" = 100'	

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Notes:

ST012-UWBZ03 Monitoring Well Identification

3000 Benzene Concentration (µg/L)

3500:3700 Original monitoring results

<10 Not detected at or above the RL

Jul-18 Sample Date
(Apr-18 re-baseline event if not listed)

µg/L Microgram per liter

RL Reporting Limit

U The analysis was not detected above the RL

UWBZ Upper Visible Bearing Zone

Legend

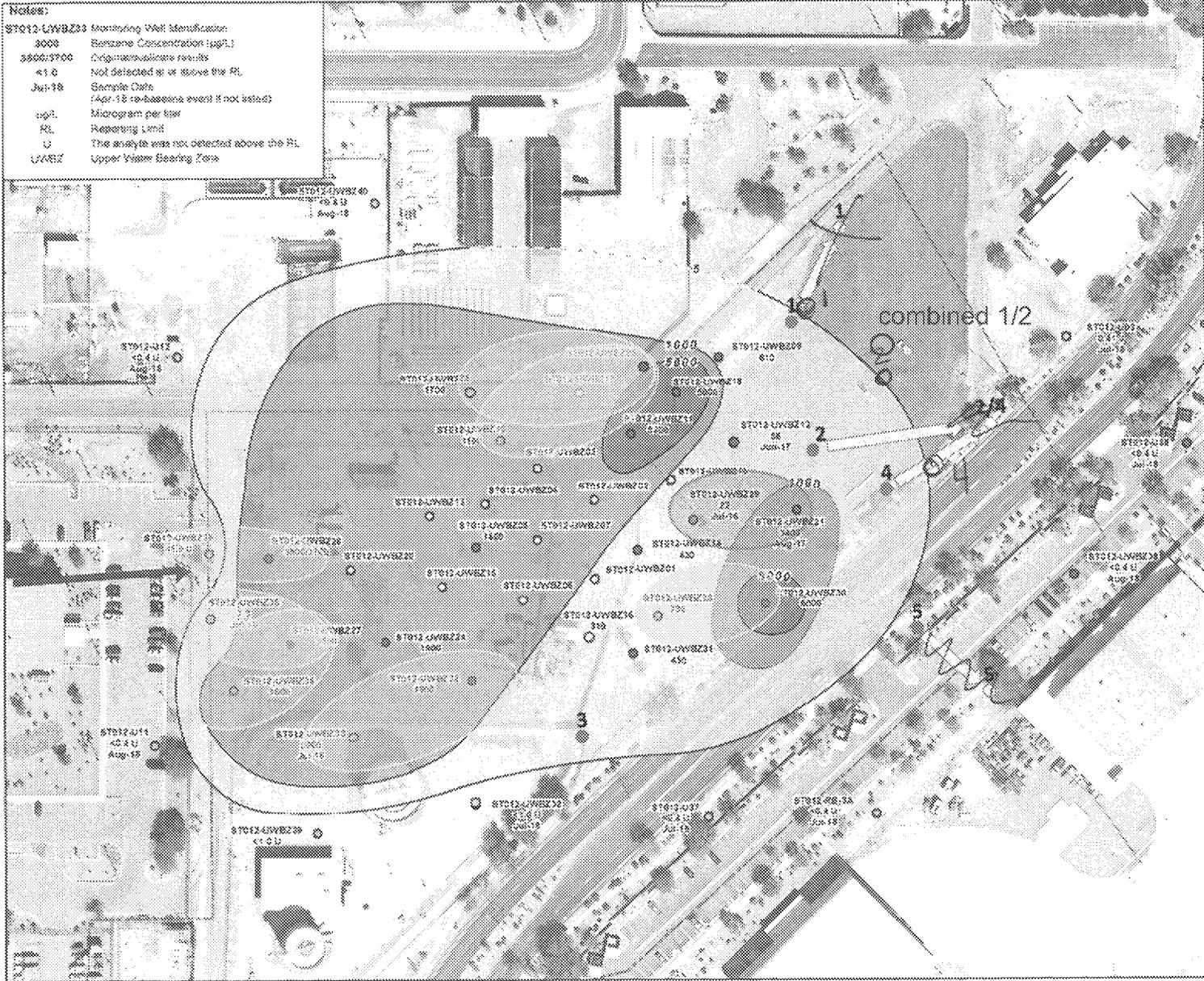
Benzene Concentrations (µg/L) in Groundwater
(Dashed Where Inferred)

- 5-999 µg/L
- 1000-4999 µg/L
- ≥5000 µg/L

➔ Approximate Groundwater Flow Direction

- Extraction Well Location
- ◊ Injection Well Location
- Groundwater Monitoring Well Location
- Perimeter Groundwater Monitoring Well Location
- Other Existing Well Location (Not in Defined Sampling Plan)
- ST012 Site Boundary
- Primary Target Area of Sulfate Distribution By Injection-Extraction
- Secondary Target Area of Sulfate Distribution By Injection-Extraction During Subphases 3-4
- Original Proposed by EPA Well Location
- Revised Proposed Well Location

0 25 50 100 Feet



Plot Study Implementation
Site ST012 - Former Williams Air Force Base
Mesa, Arizona

**ST012 UWBZ Benzene Concentration,
Well Locations, and Injection Areas**

FIGURE 3-3	Site No. PAC Date Scale	0101110001 06 10/20/2018 1" = 100'	
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Notes:

ST012-LSZ28 Monitoring Well Identification
 349 Benzene Concentration (µg/L)
 2800/2800 Original/Duplicate Results
 <1.0 Not detected or above the RL
 Nov-17 Sample Date
 (Age-16 re-baseline event if not listed)

µg/L Microgram per liter

F The analyte was positively identified but the associated concentration is an estimation above the MDL, and below the RL

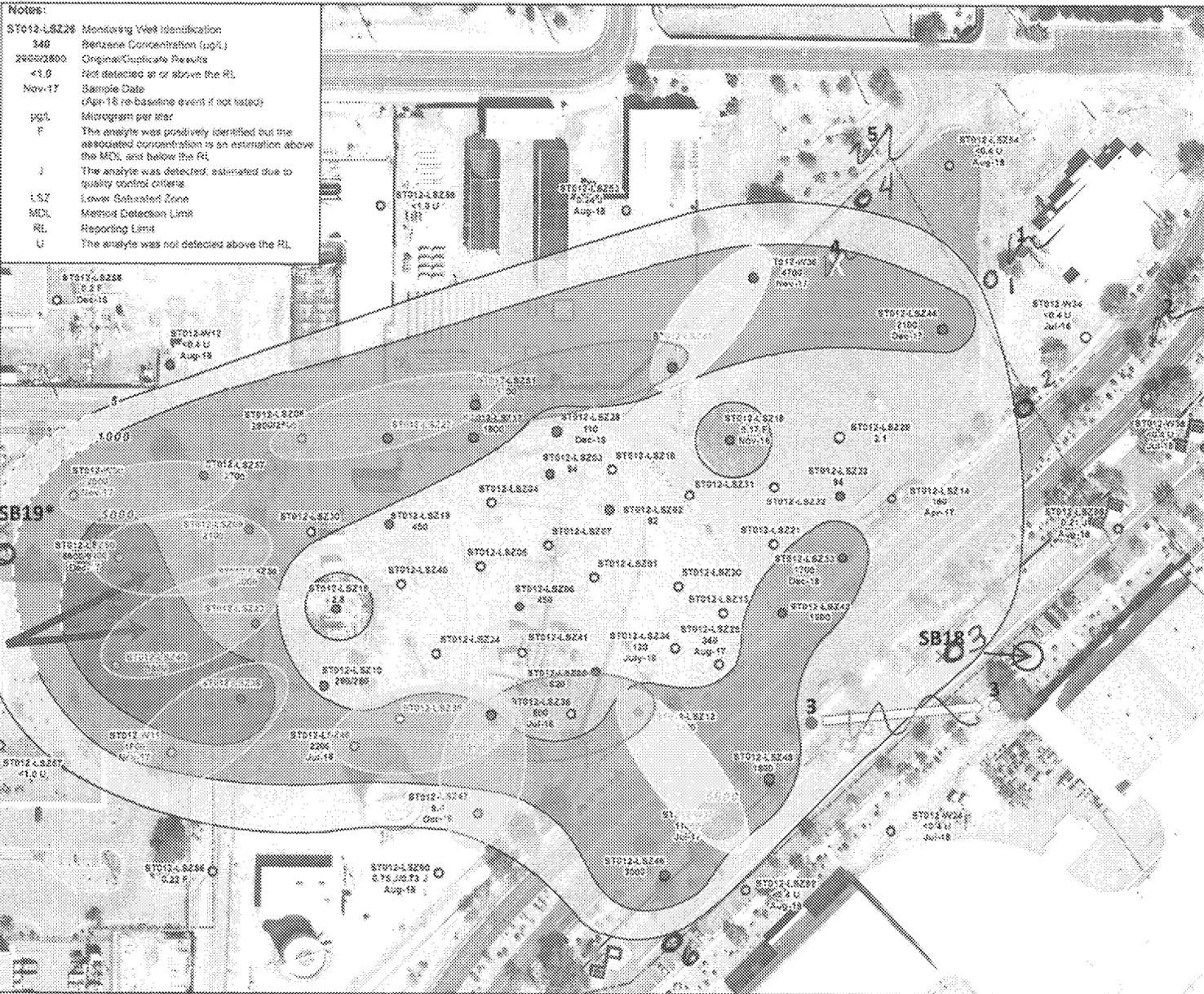
J The analyte was detected, estimated due to quality control criteria

LSZ Lower Saturated Zone

MDL Method Detection Limit

RL Reporting Limit

U The analyte was not detected above the RL



Legend

Benzene Concentrations (µg/L) in Groundwater
 (Dashed Where Inferred)

- 5-999 µg/L
- 1000-4999 µg/L
- ≥5000 µg/L

➔ Approximate Range of Groundwater Flow Direction

- Extraction Well Location
- Injection Well Location
- Groundwater Monitoring Well Location
- Perimeter Groundwater Monitoring Well Location
- Other Existing Well Location (Not in Defined Sampling Plan)

□ ST012 Site Boundary

- Primary Target Area of Sulfate Distribution By Injection-Extraction
- Secondary Target Area of Sulfate Distribution By Injection-Extraction During Subphases 2-4
- Tertiary Target Area of Sulfate Distribution By Initial Small Mass Injection-Extraction, then Subphase 4+

- Original Proposed by EPA Well Location
- Revised Proposed Well Location

○ Proposed Eliminated Well Location

0 25 50 100 Feet

Pilot Study Implementation
 Site ST012 - Former Williams Air Force Base
 Mesa, Arizona

**ST012 LSZ Benzene Concentration,
 Well Locations, and Injection Areas**

FIGURE 3-4	JOB No.	6101110001	
	DATE	05/07/18	
	SCALE	1" = 100'	

*Soil boring SB19 located approximately 50 feet west of location shown, out of figure view